

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("5451863") or ("4452533")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:16
S2	173	((laser near3 diode) or vcsel) and ((magnetic near3 tunnel near3 junction) or (magnetoresistive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/27 10:17
S3	1123	((laser near3 diode) or vcsel or led) and ((magnetic near3 tunnel near3 junction) or (magnetoresistive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/27 12:09
S4	71	((laser near3 diode) or vcsel) and ((magnetic near3 tunnel near3 junction) or (magnetoresistive)) and ((sensor or detect\$3) with (magnetic near3 field))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/27 10:18
S5	488	((laser near3 diode) or vcsel or led) and ((magnetic near3 tunnel near3 junction) or (magnetoresistive)) and ((sensor or detect\$3) with (magnetic near3 field))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/27 10:18
S6	0	mtj and resonant near3 cavity near3 led	US-PGPUB; USPAT	OR	ON	2007/05/27 12:08
S7	1111	((light near3 emitting near3 diode) or led) and ((magnetic near3 tunnel near3 junction) or (magnetoresistive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/27 12:10
S8	202	((light near3 emitting near3 diode) or led) and ((magnetic near3 tunnel near3 junction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/27 12:11
S9	73	((light near3 emitting near3 diode) or led) same ((magnetic near3 tunnel near3 junction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/27 12:13
S10	4	((light near3 emitting near3 diode)) same ((magnetic near3 tunnel near3 junction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/05/27 12:13

S11	73	((magnetic near3 field near3 sens\$3) same (light near3 emitting near3 diode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/05/27 12:19
S12	3227	(magnetic near3 field near3 (sensor or detect\$3 or monitor\$3)) and (led or ld or laser or (light near3 (emission or emitter))) and intensity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 11:39
S13	169	(magnetic near3 field near3 (sensor or detect\$3 or monitor\$3)) same intensity same (led or ld or laser or (light near3 (emission or emitter)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 15:30
S14	422	372/37.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/15 15:26
S15	9	372/37.ccls. and (magnetic near3 field near3 (sensor or detect\$3 or monitor\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 15:29
S16	1867	thin near3 film same (magnetic near3 field near3 (sensor or detect\$3 or monitor\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 15:29
S17	353	thin near3 film near3 (magnetic near3 field near3 (sensor or detect\$3 or monitor\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 15:29
S18	38	S17 and (led or ld or laser or (light near3 (emission or emitter)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 15:55
S19	1305	338/32R.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 15:55
S20	119	S19 and (led or ld or laser or (light near3 (emission or emitter)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:21

S21	256	he.in. and magnetic near3 field	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:21
S22	0	he.in. and magnetic near3 field and magnetic near3 tunnel near3 junction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:22
S23	3021	magnetic near3 field and magnetic near3 tunnel near3 junction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:22
S24	85	magnetic near3 field and magnetic near3 tunnel near3 junction and laser and intensity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:28
S25	3	"372"/\$.ccls. and ((magnetic near3 tunnel near3 junction) or mtj)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:32
S26	25	vcsl and ((magnetic near3 tunnel near3 junction) or mtj)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:38
S27	187	(vcsl or (laser near3 diode)) and ((magnetic near3 tunnel near3 junction) or mtj or magnetoresistive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:40
S28	169	S27 not S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 16:40
S29	149	S28 not S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 17:17
S30	2196	thin near3 film near3 magnetoresistive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 17:18

S31	1	thin near3 film near3 magnetoresistive same laser near3 diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 17:21
S32	0	thin near3 film near3 magnetoresistive same magnetic near3 ore	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 17:22
S33	0	thin near3 film near3 magnetoresistive and magnetic near3 ore	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 17:51
S34	2	thin near3 film near3 magnetoresistive with hall near3 effect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 17:53
S35	91	thin near3 film near3 hall near3 effect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 17:54
S36	2	multilayer near3 film near3 hall near3 effect	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/15 17:54
S37	27	hall near3 effect with tunnel near3 junction	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:20
S38	404	thin near3 film near3 gmr	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:21
S39	436	thin near3 film\$1 near3 gmr	US-PGPUB; USPAT	OR	ON	2007/11/20 14:21
S40	1417	magnetic near3 field with led	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 07:12
S41	361	magnetic near3 field near3 led	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 07:12
S42	70	thin near3 film same (magnetic near3 head with (light near3 (emitting or emission)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 07:28

S43	182	thin near3 film and (magnetic near3 field with (light near3 (emitting or emission)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 07:35
S44	1594	(vcsl or led or (light near3 (emitting or emission)) or (laser near3 diode)) and ((magnetic near3 tunnel near3 junction) or mtj or magnetoresistive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 08:04
S45	317	(vcsl or led or (light near3 (emitting or emission)) or (laser near3 diode)) same ((magnetic near3 tunnel near3 junction) or mtj or magnetoresistive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 08:05
S46	1314	338/32r.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 08:24
S47	424	372/37.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 09:07
S48	23	372/50.1.ccls. and magnetic near3 field	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 09:23
S49	1398	372/50.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 09:25
S50	135	372/7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 10:05
S51	14	S50 and magnetic near3 field	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 10:06
S52	22	(arto near3 nurmikko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 10:21

S53	1	S52 and magnetic near3 field	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 10:21
S54	5	S52 and magnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/05 10:22
S55	1	(thin near3 film and (magnetic near3 field with (light near3 (emitting or emission))))).clm.	US-PGPUB	OR	ON	2008/06/05 10:24
S56	32	(thin near3 film and (magnetic near3 field and (light near3 (emitting or emission))))).clm.	US-PGPUB	OR	ON	2008/06/05 10:25
S57	1701	372/34.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 12:36
S58	0	S57 and semiconductor near3 laser and coolant and channel\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 12:38
S59	32	S57 and semiconductor near3 laser and coolant and channel\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 12:38
S60	13	semiconductor near3 laser and coolant and channel\$1 and thermal near3 compensat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 12:59
S61	116	semiconductor near3 laser and coolant and channel\$1 and (thermal near3 (expansion or stress\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 13:02
S62	122	(thermal near3 (diamond with (cobalt or copper or aluminum)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 14:03

S63	1	372/36.ccls. and semiconductor near3 laser and lens\$2 and thermal\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 14:13
S64	305	372/36.ccls. and semiconductor near3 laser and lens\$2 and thermal\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 14:13
S65	593	372/35.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:20
S66	1284	372/36.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 15:43
S67	8	372/50.1.ccls. and coolant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 16:18
S68	1398	372/50.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/06/07 16:19
S69	870	microchip near3 semiconductor	US-PGPUB; USPAT	OR	ON	2008/06/07 17:53
S70	205	microchip near3 semiconductor near3 device	US-PGPUB; USPAT	OR	ON	2008/06/07 17:53

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